

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Brian T. Chait et al.	Confirmation No.:	9114
Application No.:	10/825,568	Art Unit:	1654
Filed:	April 14, 2004	Examiner:	M. A. Audet
Title:	ULTRA-SENSITIVE DETECTION SYSTEMS		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated February 1, 2008, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

**Conclusion** begins on page 11 of this paper.

A Terminal Disclaimer and a Petition for a one-month extension of time are submitted herewith.